

DOCTOR DEFENDS RIGHT TO PATENT

Friedmann Tells Why He Should
Be Granted Favorable
Consideration.

CLAIMS NEW METHODS

Report Made by Preliminary
Examiner in Berlin Denying
His Application.

[Special to The Times-Dispatch.]
New York, March 31.—Dr. Friedrich
Friedmann, defending the pe-
tition for a patent on his tuberculous
cure, which was printed this morning,
declares that his right to patent rests
on three discoveries. They are:

First—The method of killing tuber-
cular bacilli with a hammer.

Second—That virulent and nonviru-
lent bacilli, when together would pro-
duce nonvirulent bacilli, the latter in
the end completely dominating and an-
nihilating the virulent bacilli.

Third—A nachboden or medium of
culture which contained only harmless
or poisonous substances, a discovery
heretofore unknown to bacteriologists.

This supplemental explanation was
made by Dr. Friedmann in answer to
the report of the Berlin examiner of
patent applications, who recommended
that a patent be denied.

In this statement Dr. Friedmann
gives further confirmation of the be-
lief, fast taking root in the minds of
American physicians, that the original
bacilli employed by the German sav-
ant as the basis of his serum was
taken from a human tuberculous vi-
ctim and injected into the turtle, having
first been cultured to a point where it
was acclimated to the cold-blooded ani-
mal life.

Bacilli Completely Killed.
He declares that he has shown that
by his system of hammering, human
tubercular bacilli have been com-
pletely killed, so that they would
not inoculate a guinea pig, whereas
bacilli treated by the method of
pulverization have demonstrated that
they still contain their virulent qual-
ities when injected into the guinea
pig.

The nachboden used by Dr. Fried-
mann, he says, unlike all other cultural
mediums employed by bacteriologists,
is not poisonous. On this nachboden
he has been able to breed a mixture
of virulent and nonvirulent bacilli
which become nonvirulent, whereas in
all such mixed breeds attempted pre-
viously by bacteriologists the viru-
lence has prevailed.

In opposing the application of Fried-
mann for a patent the preliminary ex-
aminer reported:

"It has been known for some time
how to alter by breeding and how to
use nonvirulent tubercular bacilli in
the preparation of antitoxins for warm-
blooded animals by the method of
the production of animal serum, and
from the record of the laboratory
experiments, . . . it must be con-
cluded that curative serums of great
value can be produced in the manner
there described."

"These facts seem to be in con-
tradiction of the claims of this applica-
tion in paragraph 1 of his application."

It is well known besides that the
virulence of human tubercular bacilli
by continued culture on artificial
nachboden or by passage through the
bodies of other mammals, . . . that
this attention (abschwächung)
increases with the number of gen-
erations and passages through
animals was, in the opinion of the ex-
aminer, to be expected, so that neither
the manner of the claims nor their
effect seems to offer anything new.

"Since, furthermore, it is not new
that bacteria with their nachboden
can be worked into therapeutically
available emulsions, therefore the ap-
plication of the claims in paragraph 3 can-
not be accepted as offering any new
material, especially as it is well known
the cultural media of bacteriologi-
cal cultures generally contain some
effective materials."

"The method also described in para-
graph 5 does not offer anything new,
for the effect of ways of mechanical
attenuation in destroying bacteria is
well known."

"To judge from all this, the applica-
tion seems to have combined ways and
means that are not new or peculiar
in themselves and which do not ex-
hibit any unexpected technical result."

This seems to be the case also in
paragraphs 1, 2 and 4, for the
fact that unused bacteria can be sub-
jected again to the ordinary methods
of culture, and that virulent and non-
virulent bacteria can be bred and
worked over together is a matter of
course."

Dr. Friedmann's answer to this criti-
cism follows:

"No new serum was to be produced
by the method set forth in this ap-
plication for extending such method. It
is a well known fact, as the examiner
himself has explained in his state-
ment, that the virulence of bacteria
can be attenuated by continuous breed-
ing on artificial culture media, but this
so-called unzuichten of tubercular
bacilli took place every four or six
weeks while the peculiarity of my
method consists in the fact that the
unzuichten is done at intervals of a
few days and is continued for years."

"Thus the last traces of virulence
are completely destroyed, not so much
by the number of generations as by the
quick repetition of such generations."

The passage through such media, re-
lated to man is not employed for the
purpose of the attenuation of the viru-
lence, but with the intention of in-
creasing their immunitive cultural
value for man."

"But, according to the facts stated
in the different scientific work men-
tioned by the examiner in contradic-
tion of these claims, the exact opposite
had to be expected—that is, the pro-
duction of cultures weakened in their
effectiveness. It could not be foreseen
that cultures of increased effective-
ness would be produced, and this is,

Cure Malaria? Sure! It's Easy.

Get It Right Out of Your Sys-
tem. You Feel Better at
Once and the Cure is
Sure.



You can drive the worst case of malaria
right out of you with S. S. S.

It tingles your nerve centers, puts
strength into your muscles, braces up
your appetite and makes your blood fairly
sparkle with new life. If you can hardly
drag one foot after the other S. S. S. will
soon put snap and vigor into your every
movement. It is the most bracing medi-
cine ever discovered; is just as safe for
children as for grownups; the most ef-
fective, the most responsive, the quickest

blood energizer and purifier ever known.
You don't wait for results; you feel the
effect right away, as S. S. S. is just as
natural to the blood as that you should
think or see or exercise any of the senses.

Hundreds of people hereabouts know
S. S. S. They have used it for years and
all have marveled the way it cures mal-
aria, knocks rheumatism, drives all forms
of blood poison out of the system, cures
eczema, sores, boils, acrofia, itching and
all the eruptions. You will find S. S. S.
on sale at any drug store at \$1.00 a bot-
tle, and its absolute purity and freedom
from all poisonous drugs is absolutely
guaranteed. If there is anything peculiar
about your case that you want to know
more about write in confidence to Medical
Department, The Swift Specific Co., 127
Swift Bldg., Atlanta, Ga. But do not ne-
glect to get a bottle of S. S. S. today,
sure, and cure that malaria.

therefore, a completely surprising new
fact.

"With regard to all nachboden or
culture mediums known so far, they
all contain, according to Guenther, very
harmful, poisonous products dissolved
into the substrata of such nachboden, and
in the interior of the bacilli them-
selves there are found matters which
can be extracted only by powerful
chemical manipulations that destroy the
cell."

No Poisonous Matters.
"The statements of Kugel and Was-
sermann refer to very complicated
ways of doing this. As distinguished
from such proceedings, the nachboden
in the present case do not contain any
poisonous matters, nor is any destruc-
tion or alteration of the bacilli by
evaporation or pulverizing necessary
for gaining the curative serums."

"My method of killing bacilli by
hammering has a much more perfect
effect as compared with the former
methods of pulverizing, in that a com-
plete annihilation of the bacilli is not
possible by employing the so-called
Kugelmuhle."

"This fact, of course, made unavoid-
able an enormous danger in the use
formerly of virulent human bacilli.
Moreover, by employing the Kugel-
muhle the mixture of small foreign
particles cannot be prevented and, in
addition, the regularly occurring heat-
ing is very harmful to the serums."

"The Kugelmuhle process consisted
of placing the bacilli in a rotary ma-
chine in which there were many guinea
balls, and then keeping the machine
in motion for a week to crush all the
bacilli."

"But, on the contrary," Dr. Fried-
mann's statement is continued, "the
virulent bacilli would prevail and re-
main effective; that the mixture would
prove tubercular if a quantity of viru-
lent and nonvirulent bacilli were cul-
tured on the same nachboden."

"But quite unexpectedly in the pre-
sent case the nonvirulent parts prevail,
stop the further increase of the viru-
lent bacilli, and completely annihilate
them."

Mayer Wins His Game.
Philadelphia, March 31.—Joseph
Mayer, of Brooklyn, won his game in
the national amateur 152 lb. title
billiard championship tournament to-
day, defeating Collins, of Chicago, by a
score of 100 to 32.

Mayer made a new high run record
for the tournament of 106. His aver-
age was 14.22-27. Collins had a high
run of seventy-nine. His average was
12.9-26.

Poulos Wins Again.
Bristol, Tenn., March 31.—For the
second time recently Jim Poulos, the
Greek wrestler, threw Frank Burns,
of Baltimore, in a match here to-night.
The first fall was gained in thirty-
four minutes and the second in fifteen.
Poulos says he will go after Joe
Turner at the next opportunity.

This is Colonial Hose Week in Richmond

Daily demonstrations of the strong
features that make

Colonial Hose for Men

the Most Durable and Most Com-
fortable and the Most Economical
will be given in each of the four
stores during the week.

It will pay you to know the facts
about Colonial Hose.

Cheapest at the beginning—
cheapest in the end.

Lisles, 25c Silks, 50c

KIRK-PARRISH CO.,
627 East Broad Street.
MUSCOE H. GARNETT,
803 East Main Street.

CHANCE PREPARES FOR BROOKLYN

[Special Cable to The Times-Dispatch.]
Hamilton, Bermuda, March 31.—Middlet
will play second base in the "four-
teens" game against Brooklyn if that team
is unfit for duty at that time. This was
Manager Chance's announcement as the team
left the island by boat for New York to-
night.

The entire squad put in hard day's work,
the rain obligingly holding off until they had
finished. About sundown, however, the
clouds started and soon developed into a
veritable cloudburst. As already announced,
McConnell will pitch the game with Brook-
lyn.

VERKE'S TRIPLE WINS FOR BOSTON

[Special to The Times-Dispatch.]
Hot Springs, Ark., March 31.—Boston Amer-
icans shut out the Pittsburgh Nationals to-
day 2 to 0 in the sixth and last scheduled
game, and won the exhibition series, three
to two, here to-day. One game was at
Boston will finish the training season and
leave for home tomorrow. Pittsburgh will
stay until later in the week.

Verke's triple in the eighth inning off
Adams' delivery, scoring Hall and Hall, won
today for Boston.

JEFFERSON WINS FROM FORK UNION

[Special to The Times-Dispatch.]
Charlottesville, Va., March 31.—Jefferson
School opened her baseball season to-day,
defeating the Fork Union Military Academy
10 to 5 in a six-inning contest, called to
allow the visitors to catch a train. Fork
Union presented a heavy-hitting combina-
tion, the players catching a train. Fork
Union presented a heavy-hitting combina-
tion, the players catching a train. Fork
Union presented a heavy-hitting combina-
tion, the players catching a train.

Score by innings: R. H. E.
Jefferson 12 0 0 0 0 0 0 0 0
Fork Union 10 3 1 0 5 0 0 0 0
Batteries—Harrison and Brown; Morgan
and Peebles.

BASEBALL RESULTS

At Macon—Toronto, International League, 2;
Macon, South Atlantic, 15.
At Philadelphia—Philadelphia Americans, 6;
University of Pennsylvania, 0.
At Washington—Catholic University, 9; La-
fayette, 2.
At Roanoke—Providence, International, 2;
Roanoke, Virginia League, 3.
At Charlotte—C. Boston Nationals, 3;
Baltimore, International, 5.
At Knoxville—Philadelphia Americans
(guests), 9; University of Tennessee, 1.
At Hot Springs, Ark.—Boston Americans, 2;
Pittsburgh Nationals, 0.
At Savannah—Newark International, 4;
Charleston, South Atlantic League, 2.
At Greenville, S. C.—Furman, 3; Presby-
terian, 0 (clinton).
At Baltimore—Philadelphia Nationals, 5;
Baltimore, 8.

ON CLOSE TERMS WITH EMPEROR

[Special Cable to The Times-Dispatch.]
Berlin, March 31.—J. Pierpont Mor-
gan belonged to the inner circle of the
Kaiser's friends in Berlin. He made fre-
quent cruises to the North Sea, or the
Norwegian Coast, aboard the imperial
yacht Hohenzollern. The Kaiser
watched his friend's illness constantly,
and personally instructed the German
embassy at Rome to keep him posted
daily as to the Kaiser's condition. The
Kaiser several years ago suggested the
possibility of Mr. Morgan's appoint-
ment as ambassador to Berlin, but the
plan came to nothing, the financier be-
ing unwilling to leave business for
diplomacy.

To the end of his life, the money
king corresponded with the emperor
of the woman who was his landlady
during his course at Göttingen Uni-
versity. He always gave these chil-
dren handsome gifts on their birthdays.
When this woman's little hotel was
torn down several years ago, Mr. Mor-
gan bought the door of his old room,
whereon the landlady had fixed a medal
of the following words: "Un-
forgettable, generous, kind, and
American, Mr. Morgan, lived here one
year."

PERKINSON LEADS PETERSBURG HIGH

[Special to The Times-Dispatch.]
Petersburg, Va., March 31.—The baseball
team of the Petersburg High School opened
the season in Farmville by taking both ends
of a double-header. The strong High
School team of that city.

Seven men of last year's star team have
returned, and with the addition of a few
husky youngsters, who are showing rare
form, a formidable team has been developed.
The first practice which the team carried
on daily is putting the team in good con-
dition for the game Saturday with the
Greensville County High School of Emporia,
and needless to say, the boys from Peter-
burg High School will "bring home the
bacon."

R. S. Perkins, last year's star catcher,
has been unanimously elected captain of
the team, and under his leadership the Red
and Black should have the most successful
season in the history of the school.

Manager Young has arranged an exceed-
ingly good schedule, which follows:
April 2—The Individual School at Peter-
burg.
April 5—Greensville County High School at
Emporia.
April 8—Chester High School at Petersburg.
April 12—Blackstone High School at Black-
stone.
April 14—Benedictine College at Petersburg.
April 19—John Marshall High School at Pe-
tersburg.
April 22—Chester High School at Chester.
April 26—Greenville High School at Greenv-
ille.
April 29—John Marshall High School at Pe-
tersburg.
May 2—Blackstone Academy at Blackstone.
May 6—College of William and Mary at Rich-
mond.
May 10—Farmville High School at Farm-
ville.
April 17—Farmville High School at Farm-
ville.
May 21—McGuire's University School at
Richmond (opening day).
May 24—Maury High School at Norfolk
(pending).

Christian College Loses.
Wilson, N. C., March 31.—Eastern College
defeated Atlantic Christian College here to-
day 1 to 0. In the fifth inning Barnes, of At-
lantic, drove what seemed to be a home run,
but was thrown out at plate.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

London, March 31.—The Daily Mail will
announce to-morrow a price of \$20,000 for the
first aeroplane crossing the Atlantic.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Score by innings: R. H. E.
Eastern 0 0 0 0 0 0 0 0 0
Atlantic 0 0 0 0 0 0 0 0 0
Batteries—Barnes and White; Russell; At-
lantic, Barnes and Stewart.

Reduction of Prices

FISK TIRES

Effective April 1st

Fisk Tires Fit Any Rim

ADJUSTMENTS

At All Dealers and at

Eastern Motor Sales Corporation

Phone Monroe 2666

920 W. Broad St.

SENATORS TRIM ALEXANDRIA TEAM

[Special to The Times-Dispatch.]
Washington, March 31.—In a farcical ex-
hibition game here to-day the Washington
American League baseball team defeated the
Cardinals, of the Alexandria, Va. Athletic
Club, by the score of 14 to 0. In honor of
the occasion the Mayor of Alexandria had
declared the day a public holiday, and hun-
dreds of residents and school children of
that city witnessed the game.

COLORADO LEAGUE WILL SOON START BASEBALL SEASON

Six teams have put up forfeits in the col-
ored amateur baseball league. A schedule
will be adopted at an early meeting, and
the season will begin about the tenth of this
month. At a recent meeting William Wilson
was elected president and treasurer and S. E.
Morgan was elected manager. A game has been
arranged for Thursday between the Sidney
Stars and the Southside Athletics. For
further information call Monroe 266.

THERE IS NONE BETTER KENTUCKY GREENBRIER

BOTTLED IN BOND
THE OLD SPRING DISTILLING CO.
CINCINNATI, OHIO.

INVADER AUTO OIL

Best Grade Auto Lubricating Oil
Made.

CHEMI-COMPANY

Visit our Women's and Misses'
Suit Department.

Amusements

THIS WEEK BIJOU Mats. Tues.
Thur. & Sat.

BEST SEATS, 50 CENTS.

BILLY B. VAN
and the Beaumont Sisters, in the Big
Musical Success,

"A LUCKY HOODOO"

NEXT WEEK—"THE LOST SON,"
The World's Greatest Magician.

ORPHEUM

(Everything New.)

From the Manger to
the Cross

March 31st to April 5th.

The greatest Biblical picture ever
produced. Made in Palestine and
Egypt.

Exhibits: Afternoons, 2:30 to
4:30; nights, 7:30 to 9:15. Admis-
sion, 25c.

Tickets may be reserved by tele-
phone without additional cost.
Every one should see this picture,
especially children.

LAMBETH FIELD NEARLY COMPLETE

[Special to The Times-Dispatch.]
Charlottesville, Va., March 30.—With an
other section of the concrete stadium nearly
finished, the improvements on Lambeth
Field, at the University of Virginia, are rap-
idly nearing completion. At one end of this
section a small clubhouse is being built,
which will be fitted up to accommodate vis-
iting teams while at the other end of the
stadium will be erected a covered stand.
Work on the southern section of the stadium
will begin this spring.

The fence, which formerly inclosed only
Lambeth Field, has now been moved back
so as to include Lefevre Field, and the space
on the eastern side of the stadium. The
terrace between the two fields is being
carefully graded, and Lefevre Field will be
put into good shape for the use of stu-
dents and members of the teams.

The cinder track, which was considerably
torn up by hauling stone for the construc-
tion of the stadium and terracing will be
completed before next fall in order that the
football management may be able to accom-
modate the large crowd expected for the
Vanderbilt game the first Saturday in No-
vember. The new grandstand will be ready
before the next baseball season.

ORIOLES BATTLE

GAMELY TO END

[Special to The Times-Dispatch.]
Baltimore, Md., March 31.—The Phillies won
today's game with the Orioles by a "gar-
rison finish" in the ninth, when Cravath
doubled, Deolan sacrificed, and Knabe went
out on a home run. The game was
hotly-contested to the last inning, the
Baltimore team getting the short end of the
10 to 8 score.

Nicholson, starting for the Phil-
lies, was knocked out of the mound, and the
Petersburg Seaton was sent in to stop the bon-
harding.

The high gate interfered a great deal with
entry. The Petersburg Bowling As-
sociation presented the playing of an
errorless contest.

BOWLING

Petersburg Bowling Tournament.

The local bowlers are taking great
interest in the Petersburg tournament,
and from present indication Richmond
will send over a large delegation to
battle for honors. All of the five-man
teams which took part in the Rich-
mond tournament have already signi-
fied their intention of entering, and a
large number of individuals who
failed to send in their entries for the
Richmond tournament will no doubt be
seen in the ranks in the Cockade City
tournament. The Cook Printing Co.
team was the first to send in their
entry. The Petersburg Bowling As-
sociation has offered a big prize list
to be contested for. As a great many
of the merchants of Petersburg have
offered to donate prizes, this has cre-
ated new interest here among the lo-
cal pin artists.

The committee has arranged the
schedule for the three days to be known
as Richmond days. When the Capital
City boys will occupy the drives to
attempt to smash records in the Peters-
burg tourney. All bowlers who wish
to take part in the coming tournament
can obtain entry blanks at the New-
port alleys.

To-night the Richmond Lunch team
meets the Remington Typewriters who
the Newport alleys.

The Make Up and The Engravers
team of The Times-Dispatch League
will battle for honors at 8 P. M. on
the Newport alleys in their regular
schedule games.

AMUSEMENTS.

Academy—"The Mikado."
Bijou—Billy B. Van in "A Lucky
Hoodoo."
Empire—Minutemen Musical Comedy.

He is One Funny Man.

Back to the Bijou comes Billy B.
Van in "A Lucky Hoodoo." Same man,
same place, and same hilarious fun, all
just as provocative of laughter as if
all were brand new. So amusing, in-
deed, in their low comedy that it seems
a pity that Van insists upon introduc-
ing so many altogether unnecessary
bits of coarse comedy, without which
the man and the piece would be quite
amusing to many, but, appar-
ently, somewhat over the heads of the
majority. The character of a property
man in a vaudeville house affords Van
opportunities for indulging in a lot
of "wise" slangy talk that makes the
initiated rock in their seats. If it
might have added "and the drummer,"
half these actors would be driving
trucks. It is only one of the gems of
theatrical wisdom that fall from his
experienced lips.